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November 22, 2010

Mr. William Lindner
New Jersey Department of Environmental Protection
Brownfield Remediation & Reuse Element
401 E. State Street, 6th Floor
P.O. Box 028
Trenton, New Jersey 08625

Via Fed-Ex

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RE: 3rd Quarter 2010 Progress Report Former Ingersoll Rand Facility Phillipsburg, Warren County, New Jersey PI#: 012833

Dear Mr. Lindner:

On behalf of Ingersoll Rand Company (Ingersoll Rand), AECOM has prepared this progress report to describe activities conducted from July 2010 through September 2010 at the above-referenced facility. Pursuant to paragraph 36 of the Administrative Consent Order (ACO) June 30, 1994, which was signed by Patricia Nachtigal for Ingersoll Rand and Ronald T. Corcory for the New Jersey Department of Environmental Protection (NJDEP), Ingersoll Rand is required to submit quarterly progress reports for the remedial investigation activities at the above-referenced site. This 3rd Quarter 2010 progress report was prepared in general accordance with the Technical Requirements for Site Remediation (N.J.A.C. 7:26E-6.6 et seq.).

I. WORK CONDUCTED DURING THIS REPORTING PERIOD (3RD QUARTER 2010)

During this reporting period the following activities were conducted:

- Continued preparation of Cameron Lots 5 & 6 Remedial Action Report
- Continued Inspection of Old Landfill, Foundry, and Cameron installed engineering controls
- Continued Remedial Activities (capping & wall installation) along the Cameron side slope (Green & Center Street)
- Conducted a down hole video reconnaissance of the homeowner well located at 481 Lock St
- Started installation of monitoring wells MW-57 and MW-58 at the corners of Green St. and Ann St. and Green St. and Pursel St, respectively.
- Commissioned a site-wide well search as required by for the NJDEP Receptor Evaluation Form
- Conducted sampling of the homeowner well at 437 Lock St.

II. ACTIVITIES DELAYED DURING THIS REPORTING PERIOD

There were no delayed activities during this reporting period.

III. WORK SCHEDULED FOR NEXT REPORTING PERIOD (4TH QUARTER 2010)

During the 4th quarter of 2010, the following work activities are anticipated. A detailed schedule of activities is included in Attachment 1.

- Continued preparation of Cameron Lots 5 & 6 Remedial Action Report
- · Continued Inspection of Old Landfill, Foundry, and Cameron installed engineering controls
- Continued Remedial Activities (capping & wall installation) along the Cameron side slope (Green & Center Street)
- Conduct down hole geophysical testing and sampling of the homeowner well at 481 Lock St.
- Complete installation and initial sampling of monitoring wells MW-57 and MW-58 along Green St.
- Perform site-wide semiannual ground water sampling and associated water level monitoring
- Complete and submit the required NJDEP Receptor Evaluation form

IV. ITEMS FOR DISCUSSION AND REQUESTS FOR NJDEP CONCURRENCE

As agreed to with NJDEP on the March 17, 2010 conference call, Ingersoll Rand intends to submit an application for the various areas of the site (i.e., Farm Area; Cameron Area; Lot 7.06; Lot 7.07; etc) to be managed under the NJDEP's Licensed Site Remediation Professional (LSRP).

Also, as discussed on the March 17 conference call, Ingersoll Rand requests a determination from NJDEP that the Old Landfill Area of Concern (AOC-29) will not require an LSRP application. However, a separate LSRP is expected to be retained for the proposed Solar Farm development in the Old Landfill and Foundry Areas. RAO statements will be submitted for both Areas and NJDEP will be requested to issue Closure Plan Approval as well.

Please also be advised that Ingersoll Rand has been advised that the Phillipsburg town council has given preliminary approval to a plan put forth by the property owner to put a solar farm on the property. The current plan would involve solar panels on portions of three different areas of the site (Old Landfill, Foundry and Eastern Facility Area). The solar company behind the plan now needs to finalize their plan and get the necessary permits before building. Ingersoll Rand is coordinating with the property owner on any environmental items that could impact this solar farm development. As new information becomes available we will notify NJDEP.

Ingersoll Rand received an October 1, 2010 letter from NJDEP Bureau of Landfill and Hazardous Waste Permitting accepting the *Remedial Action Report for the Old Landfill (AOC 29)*, dated July 2009. On behalf of Ingersoll Rand, AECOM responded to the Department in a letter dated October 22, 2010, requesting an extension to the Deed Notice filing timeframe mentioned in the letter until Site Remediation has also provided their concurrence on the report. We anticipate the Deed Notice will be filed within 45-days of receipt of Site Remediation's Approval.

V. <u>COSTS</u>

Remedial activities have been conducted at this site since at least the mid-1980s. Costs incurred prior to 2005 have exceeded several million dollars. Costs incurred for continued remedial activities are summarized below.

	2006	2007	2008	2009	2010
Costs (000)	\$1,924	\$1,254	\$4,433	\$5,599	\$684

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VI. PROJECT SCHEDULE

The schedule for ongoing remedial activities has been revised (see Attachment 1) to reflect Preferred Unlimited, Inc.'s development plans, current remedial activities, new data, and conditions encountered in the field.

The revised schedule is based on what we believe are realistic time intervals for data collection, data review, reporting, Ingersoll Rand review, responses, and decisions. It remains Ingersoll Rand's and AECOM's mutual goal to advance this project to achieve project closure.

VII. PERMIT APPLICATIONS

No permit applications were submitted this quarter.

VIII. GROUNDWATER

Operation of the Light Non-Aqueous Phase Liquid (LNAPL) treatment system continued during the 3rd quarter of 2010. Approximately 7 gallons of LNAPL/groundwater was recovered from July through September 2010, of which approximately 6.8 gallons are estimated to be LNAPL. Flow through the system ranged between approximately 10,661 and 15,624 gallons per month. A total of approximately 38,561 gallons of groundwater was recovered during this reporting period.

If you have any questions about this information, please do not hesitate to contact Dawn Horst at (732) 652-6723 or Chris Venezia at (732) 564-3641.

Sincerely,

Megan Kalos Project Coordinator

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Christopher Venezia Senior Program Manager

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cc: Kevin Tubbs (Ingersoll Rand Company)
Dawn Horst (Ingersoll Rand Company)

Kevin Traynor (Preferred Unlimited, Inc.)

Gary Brown (RT Environmental) Mike Lambert (Geosyntec) AECOM File: 03710-Pburg-7.2

Attachment 1

Schedule of Proposed Activities

SCHEDULE OF PROPOSED ACTIVITIES

3rdQ-2010 Progress Report Former Ingersoll Rand Facility Phillipsburg, New Jersey

				Phillipsbur	g, New Jersey					
ID Task Name		Start	Duration	Finish	Work Type	% Complete Predecessor	s 1Q10 2Q10	3Q10	4Q10	1Q11
1 Progress Reporting Fri 1/1/10		345 days	Fri 4/29/11 M	1 Mixed	67%	Jan Feb Mar Apr M	lay Jun Jul Aug	Sep Oct Nov	Dec Jan Feb Mar	
2 Progress Reporting - 4th quarter 2009 Fri 1/1/10		20 days	Fri 1/29/10		100%					
3 Progress Reporting - 1st qua		Thu 4/1/10	21 days	Fri 4/30/10		100%				
4 Progress Reporting - 2nd qu		Thu 7/1/10	21 days	Fri 7/30/10		100%			MIN	
5 Progress Reporting - 3rd qua		Fri 10/1/10	20 days	Fri 10/29/10		100%		<u>Containe and Containe</u>		
6 Progress Reporting - 4th qua		Mon 1/3/11	20 days	Mon 1/31/11		0%				
7 Progress Reporting - 1st qua		Fri 4/1/11	20 days	Fri 4/29/11		0%				
8 Soil Investigation and Remedia		Fri 6/24/05	1937 days	Tue 11/27/12		82%				
9 Cameron Area Lot 5 & 6		Fri 3/9/07	1116.94 days	Mon 6/20/11		71%				
40 Cubmississ of Lat F 9 C	RAWPA	Fri 3/9/07	0 days	Fri 3/9/07		100%	-			
•		Wed 10/17/07	0 days		Agency Review	100% 10				
		Fri 10/26/07	0 days		'Agency Review	100% 11	-			
	<u> </u>	Fri 12/14/07	15 days	Fri 1/4/08		100%			an and an	
	ementation - Cap repair (Top Deck)	Mon 5/26/08	120 days	Mon 11/10/08		100%				
	<u> </u>		•		External Review	100%			an and an	
•	OW area for Side Slope & Boundary work	Tue 1/1/08 Tue 2/2/10	544 days 19 days	Mon 3/1/10		100%			30	
·	ementation - Side-slope & soil capping	Thu 3/11/10	275 days	Thu 3/31/11		44% 16FS+8 day	e e			
	tal of Remedial Action Report (RAR)	Mon 8/16/10	90 days	Wed 4/27/11		33% 17FS-42 day		(_		<u>, i</u>
		Thu 12/23/10	90 days	Wed 4/27/11		0% 18SS	<u>'</u>			
			-	Mon 6/20/11						
20 RAO Development and	Submittal	Thu 4/28/11	38 days			0% 19			WHEN THE PROPERTY OF THE PROPE	
21 Old Landfill (AOC-29)	andfill Dans adial Astica Warls Dlan	Wed 2/1/06	902 days	Fri 7/17/09		99%				
•	andfill Remedial Action Work Plan	Wed 2/1/06	0 days	Wed 2/1/06		100%				
23 NJDEP RAWP Approva		Wed 10/24/07	106 days		Agency Review	100% 22				
26 Old Landfill Remedial In	<u>'</u>	Mon 11/5/07	313 days	Thu 1/15/09		100%				
	tal of OLF Remedial Action Report	Mon 1/5/09	139 days	Fri 7/17/09		100% 29FS+4 wks				
31 RAR Submittal		Fri 7/17/09	0 days	Fri 7/17/09		0% 30			THE STATE OF THE S	
32 Foundry Area	Daniel Da	Tue 3/6/07	669 days	Mon 9/28/09		99%				
	Response and Foundry Area RI/RAWPA	Tue 3/6/07	0 days	Tue 3/6/07		100%				
34 NJDEP Approval of Foundary DA James and	<u> </u>	Fri 2/8/08	0 days		Agency Review	100% 33				
35 Foundry RA Implement		Mon 9/8/08	58 days	Mon 12/29/08		100%				
36 Foundry RA Town appr	<u> </u>	Fri 2/15/08	340 days		External Review	100%			ari Til	
, ,	ation at property boundary	Fri 6/5/09	30 days	Fri 7/17/09		86% 36				
38 Preparation of Foundry	кетеда Аспот Кероп	Tue 5/26/09	89 days	Mon 9/28/09		100% 35,37FS-35				
39 RAR Submittal 40 Main Facility Area		Mon 9/28/09 Fri 9/2/05	0 days	Mon 9/28/09		0% 38				
	ility Area SI/PI/PAW/P	Fri 9/2/05	1887 days 0 days	Fri 9/2/05		70% 100%			ATTENTION	
41 Submission of Main Factor NJDEP Review of MFA	<u> </u>	Fri 9/2/05	1392 days		Agency Review	95% 41				
43 Meeting with NJDEP	OH WINTER	Tue 1/25/11	1 day	Wed 1/26/11	,	95% 41 0% 42FS+15 da	A .			***************************************
	oplemental Activities Workplan, if necessary	Tue 1/4/11	90 days	Tue 5/10/11		0% 42i 3+i3 da			## ## ## ## ## ## ## ## ## ## ## ## ##	*
·	nvestigations, if necessary	Tue 5/10/11	60 days	Tue 8/2/11		0% 44	-			
	edial Action Implementation	Tue 8/2/11	120 days	Tue 1/17/12		0% 45	_		TO THE STATE OF TH	
			120 days	Tue 7/3/12		0% 46	-			
48 Deed Notice Preparation	<u>'</u>	Tue 7/3/12	60 days	Tue 9/25/12		0% 47	-		II 333 333 333	
<u>'</u>			45 days	Tue 11/27/12		0% 48	_		A BANKA	
50 Inverse Ponds Wed 1/31/07		1485 days	Wed 10/10/12		69%					
54 4 0. 5 1 11	Permit Application Submittal	Wed 1/31/07	0 days	Wed 1/31/07		100%	-			
-	submittal for Stream Encroachment Permit	Fri 6/29/07	0 days	Fri 6/29/07		100% 51	-		100 Marie	
				0,20,01					Till the state of	
Task	Field Activitie	es	Split	шинин		Milestone •	Summary			
Agen	cy Review External Rev	view (Progress			External Milestone 🔷	Agency Review 5	\$		
All tack start dates and durations are estimated a	nd are subject to NJDEP approval, contractor availa	shility weather and condi	tions ancountares	t in the field D	ane 1					3Qtr2010.mpp
The task start dates and durations are estimated a	a are subject to repel approval, contractor availa	omity, weather, and condi	aono oncounteret	ani uic iiciu. Pi	ugo i					3Q((2010.11)pp

SCHEDULE OF PROPOSED ACTIVITIES

3rdQ-2010 Progress Report
Former Ingersoll Rand Facility
Phillipsburg, New Jersey

					T			1	1	1
D 👩 Ta	ask Name	Start	Duration	Finish Work Type	% Complete Predecessors	1Q10 Jan Feb Mar	2Q10 Apr May Ju	ın Jul Aug Sep	4Q10 Oct Nov De	1Q11 ec Jan Feb Ma
3	NJDEP-LURP Approval of SE Permit	Mon 10/22/07	0 days	Mon 10/22/07 Agency Review	100% 52				1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
√	Install New Storm water Conveyance	Mon 11/19/07	85 days	Mon 3/17/08 Field	100% 53FS+20 day					
V	Submission of AOC-31 Remedial Action Work Plan	Fri 8/24/07	0 days	Fri 8/24/07 Office	100%				With the second	
-	NJDEP Review (and anticipated approval) of AOC-31 RAWP	Fri 8/24/07	864.94 days	Thu 12/16/10 Agency Review	93% 55	antinamininasuminamininamissaminamininamissami				
-	Inverse Pond Remedial Activities	Wed 6/15/11	120 days	Wed 11/30/11 Field	0% 56FS+30 day					
	Preparation and Submittal of RAR	Wed 11/30/11	120 days	Wed 5/16/12 Office	0% 57					
	Deed Notice Preparation and Filing	Wed 5/16/12	60 days	Wed 8/8/12 Office	0% 58					
)	RAO Development and Submittal	Wed 8/8/12	45 days	Wed 10/10/12 Office	0% 59					
	Cameron Lot 4.01	Mon 3/5/07	1025.94 days	Mon 2/7/11 Mixed	88%					
~	Submission of Lot 4.01 Remedial Investigation Work Plan	Mon 3/5/07	0 days	Mon 3/5/07 Office	100%				THE STATE OF THE S	
	NJDEP Review (and anticipated approval) of the Lot 4.01 RIWP	Fri 3/9/07	961 days	Mon 11/15/10 Agency Review	96% 62		:)		
	Lot 4.01 RIWP Implementation	Tue 12/7/10	45 days	Mon 2/7/11 Field	0% 63FS+15 day					
5	Lot 4.01 RAWP Implementation	Tue 12/7/10	45 days	Mon 2/7/11 Office	0% 63FS+15 day					
6	Farm and Undeveloped Area	Fri 12/30/05	1294.94 days	Thu 12/16/10 Mixed	95%					7
7 🗸	Submission of Farm SI Report	Fri 12/30/05	0 days	Fri 12/30/05 Office	100%				п	
3	NJDEP Review (and anticipated approval) of Farm SI Report	Fri 12/30/05	1294.94 days	Thu 12/16/10 Agency Review	95% 67					
9	Lot 7.06 & Lot 7.07	Fri 6/24/05	1542.94 days	Tue 5/24/11 Mixed	92%					
) 🗸	Submission of Lot 7.06 & 7.07 SI/RI/RAWP	Fri 6/24/05	0 days	Fri 6/24/05 Office	100%				WIND THE PROPERTY OF THE PROPE	
1 1	NJDEP Review of Lot 7.06 & 7.07 SI/RI/RAWP	Fri 6/24/05	1406.94 days	Mon 11/15/10 Agency Review	97% 70					
2 ~	Submission of RIWP Plan for Lot 7.07 Surface soil characterization	Sat 7/7/07	0 days	Sat 7/7/07 Office	100%					
3	NJDEP Review (and anticipated approval) of Lot 7.07 RIWP	Mon 7/9/07	886.94 days	Tue 11/30/10 Agency Review	95% 72					
4	Conduct surface verification sampling	Wed 12/22/10	20 days	Tue 1/18/11 Field	0% 73FS+15 day					
5	Preparation and Submittal of updated RI/RAWP (under LSRP)	Wed 1/19/11	45 days	Tue 3/22/11 Field	0% 74					
6	Prepare and Submit Lot 7.07 Remedial Action Report / Deed Notice	Wed 3/23/11	45 days	Tue 5/24/11 Office	0% 75				THE PERSON NAMED IN COLUMN TO THE PE	
7	Eastern Facility Area	Mon 9/4/06	1554.94 days	Fri 8/17/12 Mixed	59%					
8	Lot 7.02 Delineation Soil Sampling	Mon 9/4/06	20 days	Mon 10/2/06 Field	100%				минимини на применения	
9 🗸	Conduct Lot 7.01 Soil Investigation	Mon 2/12/07	5 days	Mon 2/19/07 Field	100%				THE PROPERTY OF THE PROPERTY O	
) 🗸	Complete EFA Delineation	Mon 2/18/08	30 days	Mon 3/31/08 Field	100%				THE PROPERTY OF THE PROPERTY O	
1 1	Prepare and Submit SI/RI for EFA (Under LSRP)	Mon 3/31/08	739.94 days	Fri 1/28/11 Office	88% 80					<u> </u>
2	Development of Remedial Action WorkPlan	Mon 1/31/11	90 days	Fri 6/3/11 Office	0% 81				Will state of the	
3	Remedial Implementation	Mon 6/6/11	120 days	Fri 11/18/11 Field	0% 82				THE PERSON NAMED IN COLUMN NAM	
4	Preparation and Submittal of RAR	Mon 11/21/11	90 days	Fri 3/23/12 Office	0% 83				ATTENDED TO THE PARTY OF THE PA	
5	Deed Notice Preparation and Filing	Mon 3/26/12	60 days	Fri 6/15/12 Office	0% 84				William Control of the Control of th	
6	RAO Development and Submittal	Mon 6/18/12	45 days	Fri 8/17/12 Office	0% 85				my m	
7	Offsite Foundry Sand	Mon 6/5/06	1173 days	Thu 12/2/10 Mixed	96%					
В 🗸	Offsite delineation of FSDF	Mon 6/5/06	104 days	Fri 10/27/06 Field	100%				THE STATE OF THE S	
9	Submission of the Offsite FSDF Remedial Investigation Report	Mon 3/5/07	0 days	Mon 3/5/07 Office	100% 88FS+15 day				III III III III III III III III III II	
0	NJDEP review (and anticipated approval) of Offsite FSDF RI Report	Tue 3/6/07	977 days	Thu 12/2/10 Agency Review	95% 89		<u>:</u>			
	roundwater	Mon 1/17/05	2147 days	Wed 4/10/13 Field	74%					
2 1	Recovery System Operations and Maintenance	Thu 1/1/09	760.94 days	Thu 12/1/11 Field	59%					
3 0	GW Gauging and Sampling	Mon 4/3/06	1725 days	Mon 11/12/12 Field	66%					
1 1	Well Installation (Offsite delineation)	Wed 9/15/10	100 days	Wed 2/2/11 Field	8%					
2 0	Offsite Residential Potable Well Sampling	Mon 11/10/08	1152 days	Wed 4/10/13 External Review	21%					
26	Submission of Annual Groundwater Monitoring Report	Mon 1/17/05	0 days	Mon 1/17/05 Office	100%				THE PROPERTY OF THE PROPERTY O	
27	NJDEP Groundwater meeting 2	Wed 12/1/10	76.94 days	Thu 3/17/11 Mixed	0%				THE STATE OF THE S	
8 1	NJDEP Review of Groundwater Reports	Mon 1/17/05	1608.94 days	Thu 3/17/11 Agency Review	92% 126					
			<u>l</u>	I			:	:	3	:
	Task Field Activities	(Split	N 43	ilestone •	Summary	,			
					•	•	·	V		
	Agency Review External Review		Progress		kternal Milestone 🔷	Agency F	Review 🖑			